Claims

What is claimed is:

1. A tire sealant composition for pneumatic tires comprising:

a naturally derived carrier fluid; and

at least one fibrous material,

wherein the composition remains fluid in use and is non-corrosive.

2. The tire sealant composition of claim 1, wherein the viscosity of the naturally derived carrier fluid is greater than 1000 cP.

3. The tire sealant composition of claim 1, wherein said naturally derived carrier fluid is selected from the group consisting of liquid molasses and corn syrup.

4. The tire sealant composition of claim 3, wherein the molasses is desugared molasses.

5. The tire sealant composition of claim 1, wherein said at least one fibrous material is selected from the group consisting of cellulose, wool, flax, nylon, rayon, wollanstonite, rock-wool, cotton, glass, polyester, Kevlar, and polypropylene.

6. The tire sealant composition of claim 1, wherein said at least one fibrous material is fire-retardant.

7. The tire sealant composition of claim 1, further comprising water.

8. A tire sealant composition for pneumatic tires comprising:

a naturally derived carrier fluid; and

a polymeric material,

wherein the composition remains fluid in use and is non-corrosive.

9. The tire sealant composition of claim 1, wherein the viscosity of the naturally derived carrier fluid is greater than 1000 cP.

10. The tire sealant composition of claim 8, wherein said naturally derived carrier fluid is selected from the group consisting of liquid molasses and corn syrup.

11. The tire sealant composition of claim 10, wherein the molasses is desugared molasses.

12. The tire sealant composition of claim 8, wherein said polymeric material is ground rubber.

13. The tire sealant composition of claim 8, further comprising water.

14. A method of for sealing a tire comprising the steps of:

providing a tire;

at least partially filling the tire with a composition which is a fluid comprising a naturally derived carrier fluid and at least one fibrous material, wherein the composition remains fluid in use and is non-corrosive;

puncturing the tire during use;

allowing the composition to flow to the puncture, wherein the composition fills and seals the puncture.

15. The method of claim 14, wherein the step of at least partially filling the tire with the composition is accomplished by spraying the composition on the innerliner of the tire.

16. The method of claim 14, wherein the step of at least partially filling the tire with the composition is accomplished by providing the composition in a bag that is placed on the air

chamber of the tire and bursts during rotation of the tire in use and releases the composition onto the innerliner of the tire.

17. A method of for sealing a punctured tire comprising the steps of:

providing a punctured tire;

providing a pressurized container having at least in part a composition which is a fluid comprising a naturally derived carrier fluid and at least one fibrous material, wherein the composition remains fluid in use and is non-corrosive;

allowing the composition to flow to the puncture, wherein the composition fills and seals the puncture.